Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

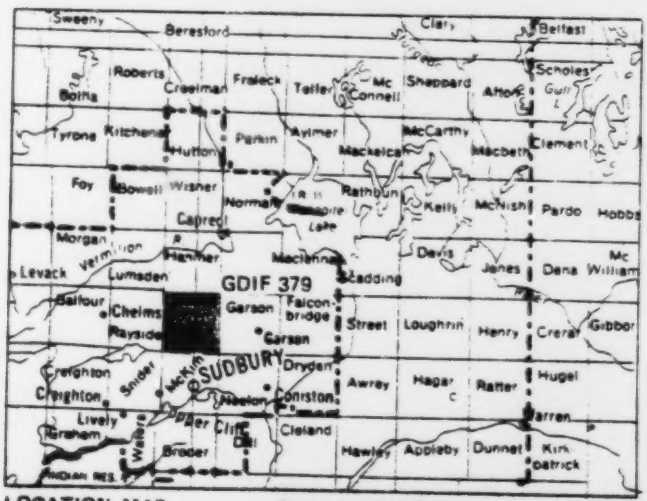
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 379

BLEZARD TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/11

Mining Claim Map Number M.670

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Blezard Township Area, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 379, compiled by the staff of the Resident Geologist's Office, Sudbury, 36p. and two maps.

Original Compilation by: Jerome, Lucille, January, 1987

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BLEZARD TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map
Exploration Data Map 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.J.
2	Assessment Files Research Office, Toronto	N.A.	L.J.
3	ODM General Index; 9 Volumes	Yes	L.J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L.J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.J.
6	ODM Industrial Mineral Reports	No	L.J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L.J.
9	Newspaper Clippings File	Yes	L.J.
10	GSC Index to Publications	Yes	L.J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.J.
12	OGS Index Maps	Yes	L.J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L.J.
14	Author - Subject Articles File	Yes	L.J.
15	Miscellaneous Papers: ODM & OGS	Yes	L.J.
16	ODM Geological Circulars: OGS Study Series	Yes	L.J.
17	ODM Preliminary Reports: ODM Bulletins	No	L.J.
18	ODM – OGS Open File Reports	Yes	L.J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.J.
20	OGS Aggregate Resources Inventory Papers	No	L.J.
21	OGS Mineral Potential Maps	Yes	L.J.
22	Theses on File, Sudbury	Yes	L.J.
23	Aerial Photographs on File, Sudbury	Yes	L.J.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite	△ fu. . . . . .Fuchsite	▲ Ni. . . . . Nickel	△ st . . . . . .Stone
△ ank. . . . . .Ankerite	▲ gn. . . . . Galena	△ Nb . . . . . .Niobium	△ talc. . . . . .Talc
△ anna . . . . . Annabergite	△ gt . . . . . Garnet	△ Pd . . . . . Palladium	△ Te . . . . . Tellurium
△ ap. . . . . .Apatite	△ goe . . . . . .Goethite	△ peat . . . . . .Peat	△ td. . . . . Tetrahedrite
△ arg . . . . . Argentite	△ Au . . . . . Gold	▲ pent . . . . . Pentlandite	△ th. . . . . .Thorite
△ As . . . . . .Arsenic	△ gf . . . . . .Graphite	△ Pt. . . . . .Platinum	△ Th . . . . . .Thorium
▲ asp . . . . . .Arsenopyrite	△ gl . . . . . Gravel	▲ py . . . . . .Pyrite	△ thuc . . . . . Thucholite
△ asb . . . . . .Asbestos	△ gyp. . . . . Gypsum	△ pyl . . . . . Pyrochlore	△ ti . . . . . Titanite
△ ba. . . . . .Barite	△ hem . . . . . Hematite	△ pyrl . . . . . .Pyrolusite	△ Ti. . . . . Titanium
△ be. . . . . Beryl	△ il . . . . . .Ilmenite	▲ po . . . . . .Pyrrhotite	△ tour . . . . . .Tourmaline
△ Bi. . . . . .Bismuth	△ Fe . . . . . .Iron	△ q . . . . . Quartz	△ trap . . . . . .Trap rock
△ bn . . . . . .Bornite	△ IF. . . . . Iron Formation	△ qcv . . . . .Quartz carbonate vein	△ W. . . . . Tungsten
△ bran . . . . . .Brannerite	△ jas . . . . . Jasper	△ ra. . . . . .Radioactive minerals	△ uran . . . . . Uraninite
△ bruc . . . . . .Brucite	△ kaol . . . . . .Kaolinite (kaolin)	△ RE . . . . . .Rare Earths	△ U . . . . . .Uranium
△ Cd . . . . . Cadmium	△ ky . . . . . Kyanite	△ sd. . . . . Sand	△ verm . . . . . .Vermiculite
△ calc. . . . . Calcite	△ Pb . . . . . Lead	△ sgl . . . . . Sand and gravel	△ Y . . . . . Yttrium
△ carb . . . . . .Carbonate	△ lim . . . . . Limonite	△ ss . . . . . .Sandstone	△ Zn . . . . . .Zinc
△ cel . . . . . .Celestite	△ Li. . . . . Lithium	△ scap . . . . . Scapolite	△ zr. . . . . Zircon
△ cc. . . . . .Chalcocite	△ mgst . . . . . .Magnesite	△ shee . . . . . .Scheelite	
▲ cp. . . . . .Chalcopyrite	△ mag . . . . . .Magnetite	△ serp . . . . . Serpentine	
△ ch. . . . . .Chert	△ mc . . . . . Malachite	△ sh. . . . . Shale	
△ clay . . . . . .Clay	△ Mn . . . . . Manganese	△ sid . . . . . Siderite	
△ Co . . . . . Cobalt	△ mb . . . . . .Marble	△ si . . . . . .Silica	
△ cob. . . . . Cobaltite	△ mar. . . . . Marcasite	▲ Ag . . . . . .Silver	
△ cb. . . . . .Columbite	△ ma . . . . . .Marl	△ sl . . . . . Slate	
▲ Cu . . . . . .Copper	△ mi . . . . . Mica	△ sm . . . . . .Smaltite	
△ cor . . . . . Corundum	△ ml . . . . . .Millerite	△ sod. . . . . Sodalite	
△ dol . . . . . Dolomite	△ mo . . . . . .Molybdenite	△ spec . . . . . Specularite	
△ ep. . . . . Epidote	△ Mo . . . . . .Molybdenum	▲ sp. . . . . .Sphalerite	
△ ery . . . . . Erythrite	△ mon . . . . . Monazite	△ spd . . . . . .Spodumene	
△ fel . . . . . .Feldspar	△ ne. . . . . Nephelite (nepheline)	△ staur . . . . . .Staurolite	
△ fl . . . . . .Fluorite (flurospar)	△ nc. . . . . .Niccolite	△ stib. . . . . Stibnite	

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Blezard (Dominion) Mine	cp, po	Ni 12	MRC 2, p. 93	D.O.M. AR Vol. 14, pt. 3, pp. 55-56
B	Blezard Property, Lot 7, Con. V	cp, gn, sp	Pb 1	MRC 12, p. 273	B.O.M. AR Vol. 38, pt. 3, p. 39
C	Blezard Property, Lot 8, Con. II	cp, po, py	Ni 21	--	B.O.M. AR Vol. 13, pt. 1, p. 214
D	Cameron Mine	cp, pent, po	Ni 16	--	Royal Ontario Nickel Commission (1917)
E	Junior Frood Property	Cu, Ni	Ni 1	MRC 12, p. 232	Sudbury Mineral Occurrence File
F	Lindsley Mine	cp, pent, po	--	--	O.D.M. AR Vol. 62, pt 2, p. 97
G	Little Stobie Mine	cp, pent, po	Ni 15	MRC 2, p. 93	G.S.C. AR(1901) Vol. 14, pt. H
H	Meehan Property	Ag, Cu, Ni	Ni 2	--	Sudbury Mineral Occurrence File
I	Mount Nickel Mine	cp, pent, po	Ni 11	MRC 2, p. 89	G.S.C. AR(1901) Vol. 14, pt. H
J	Papineau Occurrence	asp, cp, gn, py	Au 7	MRC 2, p. 103 MDC 18, p. 90	B.O.M. AR Vol. 38, pt. 3, p. 49
K	Shepherd*Mine	cp, pent, po py	Ni 6	MRC 2, p. 93	B.O.M. AR Vol. 3
L	Stobie Mine	Cu, Ni	--	MRC 2, p. 93	--

*or Sheppard

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
1	Blezard (Dominion) Mine (Inco Ltd., Mond Nickel Co. Ltd., Dominion Mineral Co., Ducharme, C., and Hillman, E.)				16[1] 55[1]		1889-1893											1889-1893[2]	1889-1893[3]	1890[4] 16[5]
2	Blezard Property, Lot 8, Con. II (Miller, J. V.)			03	03							03[1]								
3	Cameron Mine (Dominion Mineral Co., McBride, R.)						1895											1895[7]		1892[6]
4	Crown Trust Co.				56 57															
5	Davis, Sir Mortimer, Inc. (Sheppard* Mine)				28															
6	Falconbridge Nickel Mines Ltd.				48 51															
7	International Nickel Co. of Canada, Ltd. (Inco Ltd.)				50 51 52 58															

* or Shepherd

BLEZARD TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
8	Junior Frood Prospect (Falconbridge Nickel Mines Ltd., Frood Deep Nickel Mines Ltd., Junior Frood Mines Ltd.)			27-30	31[1] 53-58[8] 66-70																
9	Kenn Holdings and Mining Ltd.											71[9]									
10	Lindsley Mine (Falconbridge Nickel Mines Ltd.)				50-60[1]													70-71[10]			
11	Little Stobie Mine (Inco Ltd., Mond Nickel Co. Ltd., Stobie, J.)				30-40[1] 66-70		66-70											66-67[11]	02[12] 66-87	885[6] 66[13]	
12	McGinn, J. R.				49 50 51							47[1]									
13	McKinnon, D. L.				57																

5

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
14	Meehan Property (Falconbridge Nickel Mines, Lafreniere, J., Walmur Copper Nickel Mines Ltd., Meehan, M.)			29		29						29[1]								
15	Mount Nickel Mine (Falconbridge Nickel Mines Ltd., Ontario Nickel Corp., United Verde Extension Mining Co. Ltd., Travers, T., Smith, T., Holmes, J. A., Great Lakes Copper Co., Russell, M. and A., Stobie, J.)				1899 11[1] 29 37[1]		1899- 00 15 53					28[1]						14 1899 -00 53[15]	12 1899 -01 15 54- 57	885[6] 1899[4]
16	New Alger Mines Ltd.	52										52[9]								
17	Norite Explorations Ltd.							61												
18	North Denison Mines Ltd.							51												
19	Papineau Property (Inco Ltd.)					29												29[16]		
20	Seminole Exploration Ltd. (Sheppard Mine)	48			48[17] 49	48						48[1]								

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
21	Sheppard Mine (Beatrice or Davis Mines)(Inco Ltd., Noranda Mines Ltd., Mond Nickel Co., Sheppard, T. and Davis, E. H.)			1892	37-38[17]		1892					01-02[1] 37-38[1]						18 1892	1892-93	
22	Span Minerals of Canada Ltd.							53												
23	Stobie Mine (Inco Ltd., Canadian Copper Co. Ltd., Stobie, J.)						1894-01 46-87											1892 1894-01 46 50 74[19]	12 1886-92 1894-01 41-87[20]	1885[6]
24	Sudbury Sheppard Nickel Co. Ltd. (Sheppard Mine)	51			48-50							49[1]								48[5]
25	Winters-Johnson Property (Naneek Mines Option)				52 54 59															

TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY — COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
[1] No data																			
[2] No. 1 Shaft 172' deep No. 2 Shaft 69' deep No. 3 Shaft 69' deep No. 4 Shaft 95' deep																			
[3] Mining--open pit and underground																			
[4] Smelter started																			
[5] Mine dewatered																			
[6] Discovery																			
[7] Shaft 65' deep																			
[8] No logs. Assays																			
[9] No anomaly																			

TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
	COMPANY/AUTHOR (file number)																		
	[10] Shaft 270' deep																		
	[11] No. 1 Shaft 2650' deep No. 2 Shaft 1994' deep																		
	[12] Mining--open pit																		
	[13] Decline ramp from surface																		
	[14] Inclined Shaft 165' deep																		
	[15] Shaft 327' deep																		
	[16] Shaft 40' deep																		
	[17] Locations. No logs.																		
	[18] Shaft 110' deep																		
	[19] No. 7 Shaft 4119' deep No. 8 Shaft 2624' deep																		

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TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
	20 Production: 1941-51 Open pit 1951-87 Underground																				

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
				Degrees	Degrees	Feet	Feet		
1	Blezard Property (Miller, J. V.)	?	1903	?	?	?	1030	py	
2	Crown Trust Co.	3	1956	270	45	0	38		
3		4	1957	090	45	0	197		
4	Davis, Sir Mortimer, Inc.	?	1928	4 holes	total	length of	2154'.		
5	Falconbridge Nickel Mines	B-XC-1	1948	270	60	2	121		
5a	Ltd.	B-XC-2	1948	270	45	1	120		
5b		B-XC-3	1948	270	60	1	120		
5c		B-XC-4	1948	270	45	1	120		
6		B-XC-1	1951	010	42	0	197	py	
6a		B-XC-2	1951	?	50	0	203	py	
7	Inco Ltd.	5984	1950		90	4	1601		
8		7485	1950		90	5	1003		
9		9603	1951	340	45	3	802		
10		9604	1951	030	50	0	207		
11		10143	1952	170	55	5	801	ep	
12		10144	1952	168	55	5	611	po	
12a		10145	1952		90	7	789	po, cp, py	
13		14695	1958	180	45	6	206	hem	
14	Junior Frood Prospect (Frood	?	1966-67	1 hole	total	length 6510'			
14a	Deep Nickel Mines Ltd., Falconbridge Nickel Mines Ltd.)	?	1953-58	17 holes					
15	Little Stobie Mine	?	1966-70	135 holes	total length 105,948' surface drilling				
16	(Inco Ltd.)	?	1966-70	203 holes	total length 81,609' underground drilling				
17	McGinn, J. R.	1	1949	170	65	4	347	cp, po	
17a		2	1949	170	72	4	315	cp, po	
18		3	1950-51	152	58	3	650	cp, po	
18a		4	1951	152	80	5	205		
19	McKinnon, D. L.	1	1957		90	0	208		
19a		2	1957	?	30	0	181		
19b		3	1957	?	45	0	153		
20		1	1957		90	0	170		

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
20a	McKinnon, D. L., cont'd	2	1957	?	30	0	176		
20b		3	1957		60	0	178		
19c		4	1957		60	0	143		
21	Mount Nickel Mine (Great	?	1899	1 hole	total length 125'				
21a	Lakes Copper Company, Ontario Nickel Corporation)	?	1929		total length 3547'				
22	Seminole Exploration Ltd.	S3 to S7	1948	5 holes	total length 3776'				
22a		?	1949	2 holes	total length 1638'				
23	Sheppard Mine (Noranda Mines Ltd.)	?	1937-38	19 holes	total length 20,966'				
24	Sudbury Sheppard Nickel Co. Ltd.		1948-50	total length drilled 15,000' - surface and underground drilling					
25	Winters-Johnson	1	1952	170	45	5	440	cp, po	
26		2	1952	145	45	8	236		
27		3	1952	325	45	3	247		
28		4	1952	165	45	8	720	ep, py	
29		5	1952	340	45	6	359		
29a		6	1952	160	45	6	500	ep	
29b		2A	1954	185	60	6	384	ep, py	
30		3A	1954	190	60	8	362	ep, mar	
27a		4A	1954	355	60	4	360	ep	
27b		5A	1954	005	60	4	121	ep	
31		1	1959		90	0	125		
31a		2	1959	?	80	0	125		
31b		3	1959	?	65	0	113		
31c		4	1959	?	55	0	125		
31d		5	1959		90	0	103		
31e		6	1959	?	75	0	104		

GDIF FORM NO. 3

BLEZARD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

BLEZARD TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDE FORM NO.5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

The office has a collection of newspaper clippings dating from 1968 to the present on both Falconbridge Nickel Mines Ltd. and Inco Ltd.

Canada Copper Company

The Canadian Mining Review	1888 1889
Sudbury Journal	November 17, 1892 July 6, 1893 June 6, 1894 July 19, 1894 October 4, 1894 August 29, 1901

Dominion Mineral Company

Sudbury Journal	October 15, 1891

Falconbridge Nickel Mines (Lindsley Mine)

Northern Miner	December 3, 1970

Frood Deep Nickel Mines

Northern Miner	July 13, 1961 November 24, 1966 January 5, 1967 January 12, 1967 May 25, 1967 November 12, 1967 May 2, 1968

Great Lakes Mining Company

Sudbury Journal	September 14, 1899

Lafreniere, J. (Meehan Property)

Sudbury Star	December 25, 1931

Norite Explorations

Northern Miner	November 30, 1961

ODM GENERAL INDEX SEARCH

Words searched

BABCOCK, J. H.
BEATRICE MINE
BLEZARD MINE
BLEZARD TOWNSHIP
CAMERON MINE
CANADIAN COPPER COMPANY
CROWN TRUST COMPANY
DAVIS, E. H.
DAVIS, SIR MORTIMER
DAVIS MINE
DOMINION MINE
DOMINION MINERAL COMPANY

Index Volume	Listing:	Report Volume	Part	Page
1	Babcock, John			
	Owner of Beatrice Mine	3		190
	Views re prospectors	R.C.		311,426
	Sudbury nickel reg.	R.C.		105
2	Babcock, John H.			
	of Beatrice Nickel Mine	N.C.		R44
1	Beatrice Nickel Mine, Blezard Tp.			
	Idle (1894)	4		249
	Name changed	3		190
	Whartonite, analysis	2		169,170
	Work at (1892)	2		249
	(1893)	3		190
2	Beatrice Nickel Mine, Blezard Tp.			
	Historical notes	N.C.		R44
	Location. See map	N.C.		R104
	Ore body described	N.C.		R202
1	Blezard Nickel Mine, Blezard Tp.			
	Accident (1892), (special report)	2		255,256
	(1893)	3		167,176
	Depth	14	3	20
	Discovery	14	3	134
	Idle (1894)	4		247
	(1895)	5		273
	Ore deposits:			
	character	12		278
	proportion of nickel and copper	1		90
		12		280
		14	3	152
	Plan of, and vicinity	12		255
	Production	14	3	156
	Railway to	14	3	136
	Rocks in and near	14	3	60
	arkose	14	3	92
	granite	14	3	81
	greenstone	1		76
		14	3	81
	micro-norite	13	1	214
	nickel bearing, analysis	13	1	212
	norite	14	3	110,112
	analysis	14	3	116,117
	notes by Coleman	14	3	55-57
	quartz-hornblende	12		292
	Stockwork	14	3	19

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

DUCHARME, C.
FALCONBRIDGE NICKEL MINES LTD.
FROOD DEEP NICKEL MINES LTD.
GREAT LAKES COPPER COMPANY
HILLMAN, E.
INCO LTD.
INTERNATIONAL NICKEL COMPANY
JOHNSON, M.
JUNIOR FROOD MINES
KENN HOLDINGS AND MINING LTD.
LAFRENIERE, J.
LINDSLEY MINE
LITTLE STOBIE MINE
MCBRIDE, R.

Index Volume	Listing:	Report Volume	Part	Page
	Blezard Mine (cont'd)			
	Work at, by Dominion Mg. Co.	14	3	142
	(1891)	1		231
	(1892)	2		247
	(1893)	3		185
	(1902)	12		254-256, 286
2	Blezard Nickel Mine, Blezard Tp.			
	Copper, percentage	34	8	56
	Historical notes	N.C.		R39
	Location. See map	N.C.		R104
	Mond Nickel Co., interested in	N.C.		R84
	Nickel, percentage	34	8	56
	Prospecting	N.C.		R185
	Ore body, notes	N.C.		A10
		N.C.		R183
	norite, contact with micropegmatite	34	8	23
	cross-section	N.C.		R116
	photo	29	1	205
		N.C.		R101
	norite-micropegmatite, analysis	N.C.		R117
	Production	N.C.		R91
	Sulphides, polished, photo	N.C.		R91
	Water in, composition	N.C.		R209,210
3	Blezard Tp., Sud.			
	Acid dikes, mineralized	38	3	32, 39
	Rocks	43	2	29, 33
	Map 43d with	43	2	
4	Breccia	50	6	29
6	Copper Cliff rhyolite	65	3	97
	Faulting	65	3	35, 36
	Volcanic rocks	65	3	30, 85
1	Blezard Tp., Sudbury Dist.			
	Clay band	14	3	105
	Copper	R.C.		24
	chalcopyrite	R.C.		433
		9		196
	mining (1899)	9		98
	Iron, boring for	13	1	214
	Nickel:			
	boring for	13	1	214
	notes by Bell	R.C.		433
	Pyrrhotite	R.C.		433
	Rocks:			
	crystalline schists	1		80

ODM GENERAL INDEX SEARCH

Words searched

MCCREA LAKE
MCGINN, J. R.
MCKINNON, D. L.
MEEHAN, M.
MEEHAN PROPERTY
MOND NICKEL CO. LTD.
MOUNT NICKEL MINE
NANEEK MINES
NEW ALGER MINES LTD.
NORANDA MINES LTD.
NORITE EXPLORATIONS LTD.
NORTH DENISON MINES LTD.
ONTARIO NICKEL CORP.
PAPINEAU PROPERTY

Index Volume	Listing:	Report Volume	Part	Page
	Blezard Tp., Sudbury Dist. (cont'd)			
	gabbro, petrography	1		78
	granite	14	3	83
	nickel eruptive	14	3	62,111
	norite	12		242
	Whartonite	9		211
8	Nickel/copper	76		116
		77		104,105
		78		74, 75
		79		81, 82
		80		64, 78
		MRC12		232
9	Chalcopyrite	MP70		103
	Geology (quarternary) of the Sudbury Basin area	GR181		
	Gold	MDC18		90
	Sand and gravel	GR181		42, 59-60
1	Cameron Nickel Mine, Blezard Tp.			
	Notes	5		273
	Rocks	14	3	55
2	Cameron Nickel Mine, Blezard Tp.			
	Historical notes	N.C.		R45
	Location. See map	N.C.		R104
	Norite, analysis	N.C.		R119
	Orebody, description	N.C.		R201
1	Canadian Copper Co.			
	Capital and date of charter	9		10
5	Canadian Copper Co. Ltd.			
	Dividends (1894-1901)	60	1	29
6	Canadian Copper Co. Ltd.			
	Dividends	65	1	18
1	Davis, Henry			
	Stobie Mine	4		245
		5		269
1	Dominion Mineral Co.			
	Beatrice Mine	2		169
	Blezard Mine	12		254,286
		14	3	56,142

GDIF FORM NO. 6

ODM GENERAL INDEX SEARCH

Words searched:

RIVERS, E.
RUSSELL, A.
RUSSELL, M.
SEMINOLE EXPLORATION CO.
SHEPPARD MINE
SHEPPARD NICKEL CO.
SPAN MINERALS OF CANADA LTD.
STOBIE, J.
STOBIE MINE
SUDBURY SHEPPARD NICKEL CO.
TRAVERS, T. AND ASSOCIATES
UNITED VERDE EXTENSION MINING CO.

Index Volume	Listing:	Report Volume	Part	Page
2	Dominion Mineral Co.			
	Blezard Mine worked by	N.C.		R39, 45
2	Ducharme, Colbert			
	of Blezard Nickel Mine	N.C.		R39
2	Falconbridge Mines Ltd.			
	Capital and license	28	1	85
3	Frood Deep Mines Ltd.			
	Incorporated	46	1	60
8	Frood-Stobie Mine, Inco			
	McKim Tp., Sudbury Dist.			
	mining property, report on	74		96, 97
		75		96, 97
		76		111,112, 117,118
		77		103, 108-109
		78		71, 72, 78, 79
		79		78,79,84
		80		76, 83
5	Frood-Stobie Nickel Mine,			
	McKim and Blezard tps.			
	Fires at (1950)	60	1	63
	(1951)	61	1	65-67
6	Fire at (1955)	65	1	58
	Glowing avalanche deposits	65	3	87
7	Operations:			
	(1960)	70		92, 93
	(1961)	71		99, 100
	(1962)	72		100
	(1963)	73		97
1	Great Lakes Copper Co.			
	Capital and date of charter	9		10
	Work, Blezard Tp.	9		98, 99
		10		123, 124
		11		254, 282
2	Failure	N.C.		A119
	Historical notes	N.C.		R94
	Mount Nickel Mine, bought by	N.C.		R38
2	Hillman, Edward William			
	Grantee, Blezard nickel claims	N.C.		R39

BLEZARD TOWNSHIP

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

WALMUR COPPER MINES
WHITSON LAKE
WINTERS-JOHNSON

Index Volume	Listing	Report Volume	Part	Page
3	International Nickel Co. of Canada Ltd.			
	Mond Nickel Co. assets acquired by	39	1	144
8	International Nickel Co. of Canada Ltd., The			
	Blezard Tp., Sudbury Dist.			
	Report on Little Stobie Mine	76		116
		77		104,105
		78		74, 75
		79		80, 81
		80		78
9		ASR7		108
3	Junior Frood Mines Ltd.			
	Incorporated	37	1	58
8	Junior Frood Prospect			
	Blezard Tp., Sudbury Dist.			
	Mining property, report on	MRC12		232
8	Lindsley Mine, Falconbridge			
	Blezard Tp., Sudbury Dist.			
	Mining property, report on	80		64
9	Lindsley Property			
	Blezard Tp., Sudbury Dist.			
	Report on property	MPBP4		83
1	Little Stobie Nickel Mine, Blezard Tp.			
	Production (1902)	12		125
	Prospecting on and near	5		273
	with drill	14	3	111
	Rocks in and near	12		254
		14	3	55, 81, 116
	gabbro	12		294
	Worked by Mond Nickel Co.	14	3	143
2	Historical notes	N.C.		R40
	Location. See map	N.C.		R104
	Ore body described	N.C.		R201
	Output (to 1915) with assays	N.C.		R497
9	Little Stobie Mine			
	Blezard Tp., Sudbury Dist.	ASR7		108
		MP87		26, 27, 34, 35
		MPBP4		81

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	McBride, Robert			
	Mount Nickel Mine	12		254
	Manager, Blezard Mine	2		247,255, 256
		12		286
		14	3	56
	Cameron Mine	5		273
	Statement by, re Blezard Mine	14	3	142
	Sheppard Mine	14	3	60
2	McBride, Robert			
	Cameron Nickel Mine, discovered by	N.C.		R45
1	Mond Nickel Co.			
	Capital and date of charter	10		10
	license	25	1	43
5	Mond Nickel Co.			
	Dividends (1906-1929)	60	1	29
2	Mount Nickel Mine, Blezard Tp.			
	Historical notes	N.C.		R38
	Location. See map	N.C.		R104
	Ore body described	N.C.		R202
	diagram	N.C.		R116
	proved	N.C.		A12
	Output (to 1916)	N.C.		R497
3	Optioned to Ont. Nickel Corp.	47	1	239
	Rocks	43	2	19, 29
5	Operations (1953)	63	2	117
	(1954)	64	2	108,110
6	(1955)	65	2	109-112
	(1956)	66	2	109-112
	(1957)	67	2	114-117
5	Naneek Mines Ltd.			
	Incorporated	60	1	45
	Name changed	64	1	60
4	New Alger Mines Ltd.			
	Change of name	58	1	46
2	Nickel Mount, Blezard Tp.			
	Rocks	34	8	27, 30
4	North Denison Mines Ltd.			
	Change of name	59	1	47

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
3	Ontario Nickel Corp., Ltd.			
	Capital; officers; operations	47	1	26,239
	Incorporated	46	1	62
3	Papineau gold claims, Blezard Tp.			
	Mineralization	38	3	49
9	Papineau Occurrence			
	Blezard Tp., Sudbury Dist.			
	Report on property	MDC18		90
2	Russell, Martin L.			
	Mount Nickel Mine, deposit patented to	N.C.		R38
1	Russell Nickel Mine, Blezard Tp.			
	Rocks	R.C.		433
4	Seminole Exploration, Ltd.			
	Incorporated	55	1	55
2	Sheppard, Oliver B.			
	Nickel claim, Blezard Tp.	N.C.		R44
1	Sheppard, Thomas	3		190
		4		123
2	Sheppard, Thomas H.			
	Nickel claim, Blezard Tp.	N.C.		R44
2	Stobie, James			
	Nickel discoveries	N.C.		R38, 51
1	Stobie Mine, Blezard Tp.			
	Farm land near	14	3	106
	Rocks at and near	14	3	92
1	Stobie Nickel Mine, Blezard Tp.			
	Accident	11		53, 57
	Copper, percentage	R.C.		378
	pyrites	1		90
	Discovery	R.C.		58
		1		89
		12		236
		14	3	3, 134, 169
	Idle (1908)	18	1	21

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
	Stobie Nickel Mine, Blezard Tp. (cont'd)			
	Inspector's report:			
	(1891)	1		230
	(1892)	2		245
	(1893)	3		183,184
	(1894)	4		245,246
	(1895)	5		272,273
	(1896)	6		273,274
	(1897)	7		96,97
	(1898)	8		36
	(1899)	9		97,98
	(1900)	10		122,123
	(1901)	11		268,269, 279
	(1902), idle	12		57
	Map. At end of Vol. 12			
	Matte from, analysis	14	3	152
	Minor refs. to	R.C.		103
		12		285
	Nickel oxide from, analysis	20	1	6
	Notes by Bell	2		180
	Merritt	R.C.		24
	Ore deposits, character	R.C.		89,90
		12		120,278, 279
	Photos	13	1	197
		11		256,257
	Plans and geology	12		256,257
	Production	12		263-268
		14	3	21,138, 156
	Railway	14	3	136
	Rocks at and near	R.C.		434
		12		291
	conglomerate	14	3	81
	crystalline schists	14	3	9
	enstatite	1		80
	greenstone	12		295
	greywacke	1		76
		14	3	89
	nickel-bearing	23	1	213
	norite	14	3	13
		14	3	19,101, 114
	notes by Coleman	14	3	57-60
	petrography	10		207
		12		290,294

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
	Stobie Nickel Mine, Blezard Tp (cont'd)			
	quartz porphyry	12		240
	syenite	R.C.		434
	Section	14	3	59
	Sulphides	12		277
		14	3	153
2	Stobie Nickel Mine, Blezard Tp.			
	Canadian Copper Co., owners	N.C.		A92
		N.C.		R61
	Copper in, percentage	N.C.		R496
		24	8	56
	Historical notes	N.C.		R38
	Location. See map	N.C.		R104
	Nickel in, percentage	N.C.		R496
		24	8	56
	Opened up (1886)	N.C.		R63
	Ore body, described	N.C.		R196-200
	Production (1887-1916) with assays	N.C.		R496
	Quartz vein, foldings in	24	8	31
	Waters, analysis	N.C.		R209
3	Open pit, photo	43	2	3
	Operations (1939)	49	1	31
	Ore reserves (1929)	39	1	145
	Rocks at and near	43	2	13,18,27 35
	"eye and eyebrow", photo	43	2	16
4	Sudbury Sheppard Nickel Co. Ltd.			
	Incorporated	58	1	45
1	Travers, Thos.			
	Acknowledgments	11		61
	Vice-president and manager, Mount Nickel Mine	25	1	77
2	Travers, Thomas			
	Operating Mount Nickel Mine	N.C.		R38
3	United Verde Extension Mining Co.			
	Licensed	39	1	60
9	Whitson Creek			
	Blezard Tp., Sudbury Dist.	GR181		34
1	Whitson Lake, Blezard Tp.			
	Rocks on and near	14	3	6,14,56, 62

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
	Whitson Lake, Blezard Tp. (cont'd)			
	analysis	13	1	208
		19	2	104
	conglomerate	14	3	94
	granite	14	3	83
	greenstone	1		75
	nickel-bearing, analysis	13	1	212
		19	2	104
	norite	14	3	109
	section	13	1	204
	tuff, analysis	14	3	132
2	Norite-micropegmatite, analysis	N.C.		R117
	notes	24	8	13-15
3	Rocks	43	2	33
6	Rocks	65	3	31
9	Whitson Lake			
	Blezard Tp., Sudbury Dist.	GR181		33

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1966-67	Sudbury Mining Area	O.D.M. Map 2170	1" = 1 mile
	1965	Cartier Sheet	O.D.M. Map P.287	1" = 2 miles
Card, K. D., Lumbers, S. B.	1974-75	Sudbury Cobalt Geological Compilation (revised)	O.G.S. Map 2361	1" = 4 miles
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S Map 2491	1:50,000
	1983	Sudbury Mining Area East Part	O.G.S. Map P.2603	1:50,000
Meyn, H. D.	1966	Capreol Sheet	O.G.S. Map P.367	1" = 2 miles
Thomson, J. E.	1956	Geology of the Sudbury Basin	O.D.M. Map 1956-1	1" = 1 mile
		GEOPHYSICAL MAPS		
Dept. of E.M.R.	1965	Aeromagnetic Map - Capreol Sheet	G.S.C. Map 1511G	1" = 1 mile
	1965	Aeromagnetic Map - Chelmsford Sheet	G.S.C. Map 1518G	1" = 1 mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geology Map, Sudbury-Onaping Lake	O.G.S. Map P.2482	1:100,000
O.D.M. - G.S.C.	1965	Aeromagnetic Map - Sudbury Sheet	7067G	1" = 4 miles
O.D.M. - G.S.C.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey Sudbury	P.1610	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Burwasser, G. J.	1979	Quarternary Geology of the Sudbury Basin Area	O.G.S. Report 181 Map 2397	1:50,000
Dept. of E.M.R.	1975	Topographic Map - Capreol		1:50,000
	1975	Topographic Map - Chelmsford		1:50,000
Gartner, J. F.	1980	N.O.E.G.T.S. Data Base Map Capreol N.O.E.G.T. Study 95 Capreol	Map 5001	1:100,000
		N.O.E.G.T.S. Data Base Map Cartier N.O.E.G.T. Study 94 Cartier	Map 5004	1:100,000
		MINERAL POTENTIAL MAPS		
Gordon, J. B.	1977	Gold deposits of Ontario East Central Sheet	P.1228	1" = 16 miles
Innes, D. G. and Jost, M.	1977	Nickel deposits of Ontario East Central Sheet	P.1062	1" = 16 miles
Springer, J.	1977	Ontario Mineral Potential Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250,000
		GEOCHEMICAL		
		None as of January 23, 1987		
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1982	Blezard Township, Sudbury Data Series	O.G.S. Map P.2545	1" = ½ mile

GDP. FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Barlow, A. E.	1904	Report on the Origin, Geological Relations and Composition of the Nickel and Copper Deposits of the Sudbury Mining District, Ontario	G.S.C. Ann. Rept.	
Bell, R.	1891	Report on the Sudbury Mining District	G.S.C. Ann. Rept. Map 343	
Burrows, A. G. and Rickaby, H. C.	1934	Sudbury Nickel Field Restudied	O.D.M. AR Vol. 43, pt. 2 COLMAP 43D	1" = 3/4 mile
Burwasser, G. J.	1979	Quarternary Geology of the Sudbury Basin Area	O.G.S. Report 181 COLMAP 2397	1:50,000
Card, K. D.	1978	Metamorphism of the Middle Precambrian (Aphebian) Rocks of the Eastern Southern Province	G.S.C. Paper 78-10	pp. 269-282
Card, K. D., Innes, D. G., and Debicki, R. L.	1977	Stratigraphy, Sedimentology and Petrology of the Huronian Supergroup in the Sudbury-Espanola Area	O.G.S. Study 16	
Coleman, A. P.	1905	The Sudbury Nickel Region	O.B.M. AR Vol. 14 pt 3 COLMAP 14D	2" = 3 miles
	1904	The Northern Nickel Range	O.B.M. AR Vol. 13 pt 1 COLMAP 13A	pp. 192-215 1" = 2 miles
	1903	The Sudbury Nickel Deposits Geological Map of Stobie and Frood Nickel Mines, Ontario	O.B.M. AR Vol 12 COLMAP 12B	pp. 235-303 1" = 800'
Collins, W. H.	1936	Sudbury Series	G.S.C. Bull. 47(2)	pp. 1675-1690
Evans, J. W.	1900	Sudbury Mining District	O.B.M. Map 9B	1" = 2 miles

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
G.S.C.	1912	Geological Map of Vicinity of Stobie and No. 3 Mines	G.S.C. Guidebook 7(d)	1" = 1400'
Giblin, P. E., Pye, E. G. and Naldrett, A. J.	1984	The Geology and Ore Deposits of the Sudbury Structure	O.G.S. Special Volume 1 Map 2491 MAP NL 16/17-AM 3 charts	 1:50,000 1:1,000,000
Gordon, J. B. et al	1979	Gold Deposits of Ontario	MDC 18	p. 90
Shklanka, R., editor	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	MRC 12	pp. 232, 273
Thomson, J. E.	1957	Copper, Nickel, Lead and Zinc Deposits in Ontario	MRC 2	pp. 93, 103
	1956	Geology of the Sudbury Basin	O.D.M. Vol. 65 pt 3 Map 1956-1	pp. 1-56 1" = 1 mile
Vos, M. A. and Smith, V.	1983	Industrial Minerals of Northern Ontario - Supplement 2	OFR 5439	
Wright, J. F.	1958	Sudbury, Ontario	G.S.C. Map	1" = 8 miles
Young, G. A.	1904	On Surveys Between Rabbit and Timagami Lakes	G.S.C. Ann. Rept.	pp. 195-198
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS		
Atwood, W., Jr.	1927	Physical Features of the Sudbury Basin; M. S., Clark University	MP2	
Beales, F. W. and Lozej, G. P.	1975	Sudbury Basin Sediments and the Meteoritic Impact Theory of Origin for the Sudbury Structure	Can. J. Earth Sci. Vol. 12	pp. 629-635

GDIF FORM NO. 4

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Bedell, F. G.	1906	The Sudbury Mining District; Ph. D., University of Kansas	MP2	
Bell, J. M.	1920	The Nickel-Copper Mines of Sudbury	Mining Mag. 23(2)	pp. 87-94
Bell, R.	1891	The Nickel and Copper Deposits of Sudbury District, Canada	G.S.A. Bull. Vol. 2	pp. 125-140
Bloxam, R.	1945	Frood Mine; B. Sc., University of Western Ontario	MP2	
Card, K. D. and Hutchinson, R. W.	1972	The Sudbury Structure: Its Regional Geological Setting	G.A.C. Special Paper 10	pp. 67-78
Clarke, W. J.	1940	Some Comparisons Between the Sudbury Basin and Bushveld Igneous Complex; M. A., University of Toronto	MP2	
Clauson, V.	1947	Geology of the Sudbury Basin Area, Ontario, Canada; Ph. D., University of Washington	MP2	
Coleman, A. P.,	1924	Geology of the Sudbury Nickel Deposits	Econ. Geol. 19(5)	pp. 565-576
Desborough, G. A. and Larson, R. R.	1970	Nickel-Bearing Iron Sulphides in the Onaping Formation, Sudbury Basin, Ontario	Econ. Geol. Vol. 65	pp. 728-730
Dickson, C. W.	1903	Ore-Deposits of Sudbury, Ontario; Ph.D., Columbia University	MP2	
Dupuis, L.	1972	Metallogenic Study of the Sudbury Mining Division	Sudbury Theses File	
Harris, D. C. and Nickel, E. H.	1972	Pentlandite Compositions and Associations in some Mineral Deposits	Can. Mineralogist Vol. 11	pp. 861-878

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Heale, T. R.	1946	Magnetic Pentlandite and the Relations of Pentlandite, Pyrrhotite and Chalcopyrite in Sudbury Nickel Ores; B. A., Queen's University	MP2	
Henderson, J. R.	1967	Structural and Petrographic Relations Across the Grenville Province, Southern Province Boundary, Sudbury, Ontario	Sudbury Theses File	
Hoffman, E. L. et al	1979	The Noble-Metal Content of Ore in the Levack West and Little Stobie Mines, Ontario	Can. Mineralogist Vol. 17	pp.437-451
Michener, C. E.	1940	Minerals Associated with Large Sulphide Bodies of the Sudbury Type; Ph. D., University of Toronto	MP2	
Mohide, T. P., Warden, C. L. and Mason, J. D.	1977	Towards a Nickel Policy for the Province of Ontario	OMNR, DOM MPBP4	
Naldrett, A. J. et al	1982	Compositional Variation Within and Between Five Sudbury Ore Types	Econ. Geol. Vol. 77	pp. 1519-1534
Pattison, E. F.	1979	The Sudbury Sublayer	Can. Mineralogist Vol. 17	pp. 257-274
Rousell, D. H.	1975	The Origin of Foliation and Lineation in the Onaping Formation and the Deformation of the Sudbury Basin	Can. J. Earth Sci. Vol. 12	pp. 1379-1395
	1972	The Chelmsford Formation of the Sudbury Basin - a Precambrian Turbidite	G.A.C. Special Paper 10	pp. 79-91
Royal Ontario Nickel Commission	1917	Report of the Royal Ontario Nickel Commission with Appendix		

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Stevenson, J. S.	1961	Recognition of the Quartzite Breccia in the Whitewater Series, Sudbury Basin, Ontario	Trans. Royal Society of Canada Vol. 55(3)	pp. 57-66
Thomson, J. E.	1969	A Discussion of Sudbury Geology and Sulphide Deposits	MP30	
Thomson, R.	1935	A Study of the Nickel Intrusive, Sudbury, Ontario; Ph.D., University of Chicago	MP2	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

Scale 1" = ¼ mile

Sudbury Files

Year	Roll	Line	Number
1977	24	4626	133, 135, 137, 139
	24	4625	40, 42, 44
	55	4624	163, 165
	89	4623	15
1973	19	4626	256-261
	19	4625	126-130
	18	4624	268-273
	17	4623	267-272
1970	27	4626	5-7
	27	4625	75-77
	27	4624	147-151
	46	4623	160-163
1946	29	150	25-31
	27	151	24-32
	220	152	16-21
	27	152	67, 68
	201	153	53A-55A, 57A, 58A

GDIF FORM NO.10

HANMER

RAYSIDE

GARSON

Blezard Valley

Val Caron

Whitson River

Whitson River

Whitson Lake

Guilletville

McCrea L.

46°37'00"

79°57'00"

69

4,25

13,25

16

25

13

16

16

4

6

7

2

10

15

1

24

20

7,19

7

6

7

9

22

17

18

24

21

20

5

24

12

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 379

(Map 1 of 2)

BLEZARD TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

GEOLOGICAL DATA INVENTORY FOLIO 379

(Map 1 of 2)

BLEZARD TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

RAYSIDE

GARSON

Mc KIM

81°04'00"

46°32'30"

Whitson

Whitson Lake

McCrea L.

Guilletville

Stobie Mine

69

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ ◆3 — Geochemical sample site, with reference number
- ☐ ◆31 — Area of geochemical sampling, with reference number
- ☐ ✳2 — Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ☐ M — Ground magnetic anomaly
- ☐ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL -Horizontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Rock quarry
- ☐ Adit
- ☐ Sand and/or gravel pit

HANMER

RAYSIDE

GARSON

Blezard Valley

Val Caron

Whitson River

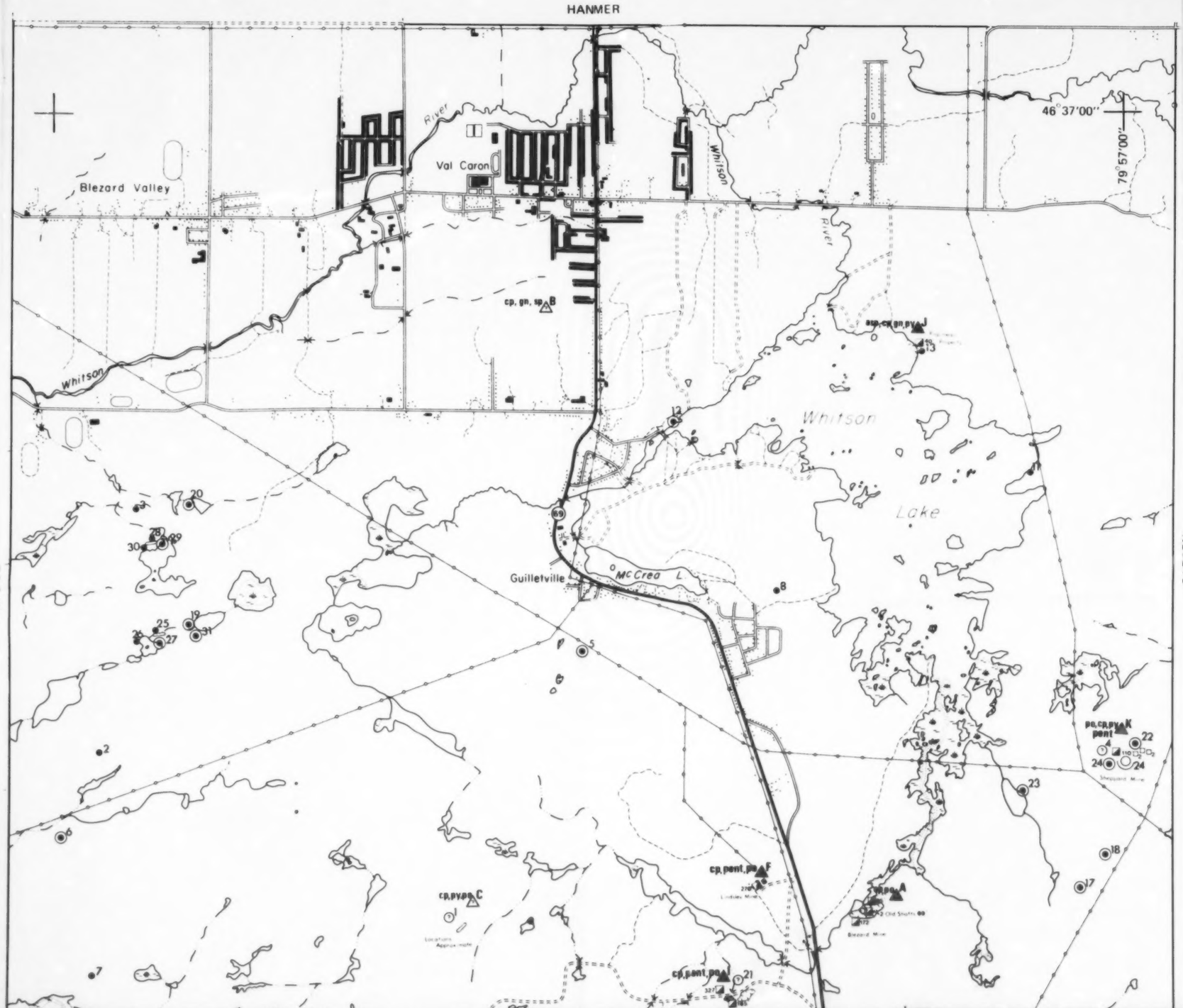
Whitson Lake

Guilletville

McCrea L.

46°37'00"

79°57'00"



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 379

(Map 2 of 2)

BLEZARD TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number

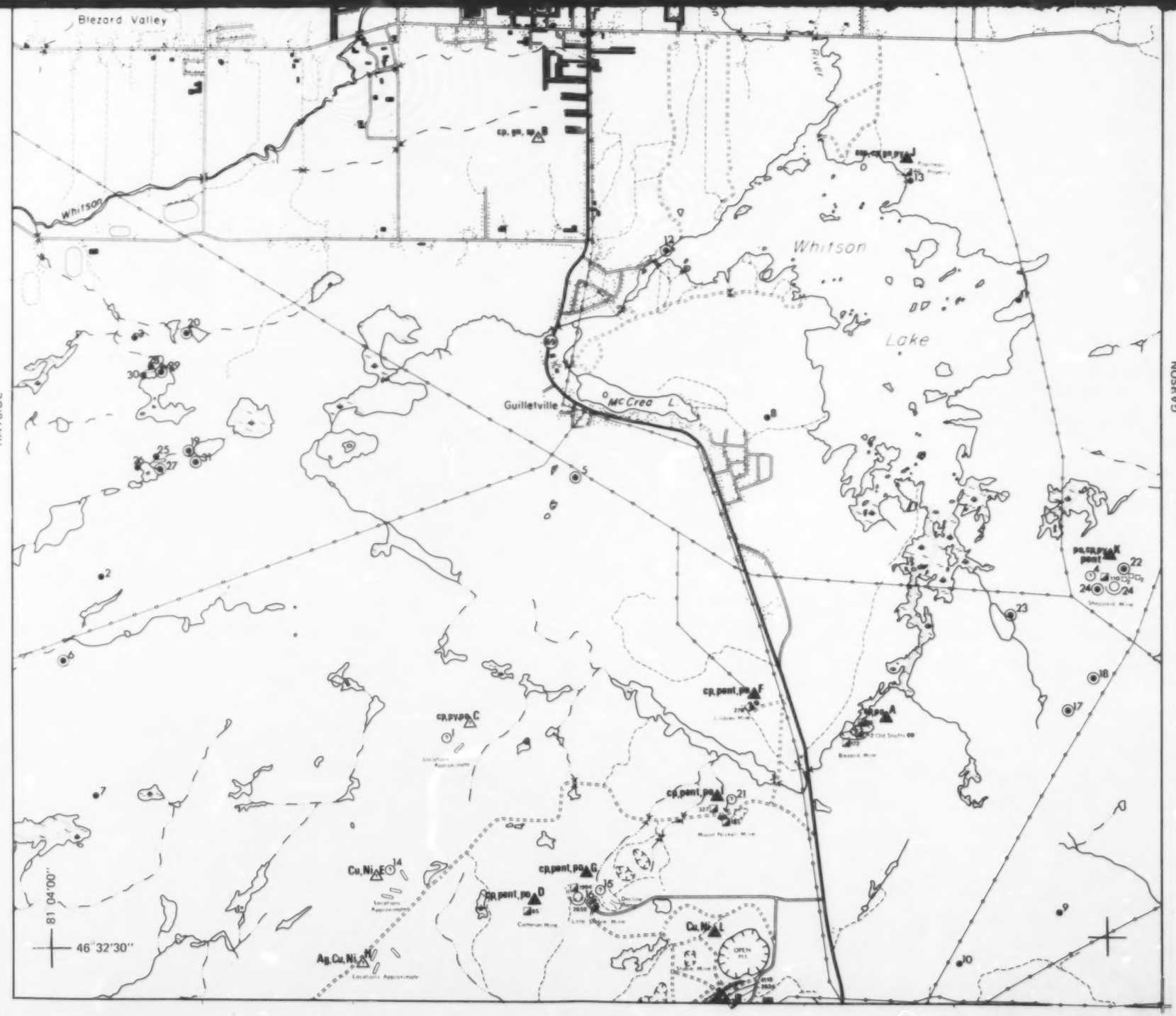
GEOPHYSICAL ANOMALIES

- ☐ -AM- Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ☐ -M- Ground magnetic anomaly
- ☐ VL Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly (total intensity)
- ☐ -R- Resistivity anomaly
- ☐ -GR- Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Rock quarry
- ☐ Adit
- ☐ Sand and/or gravel pit
- ■ Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



GEOLOGICAL DATA INVENTORY FOLIO 379

(Map 2 of 2)

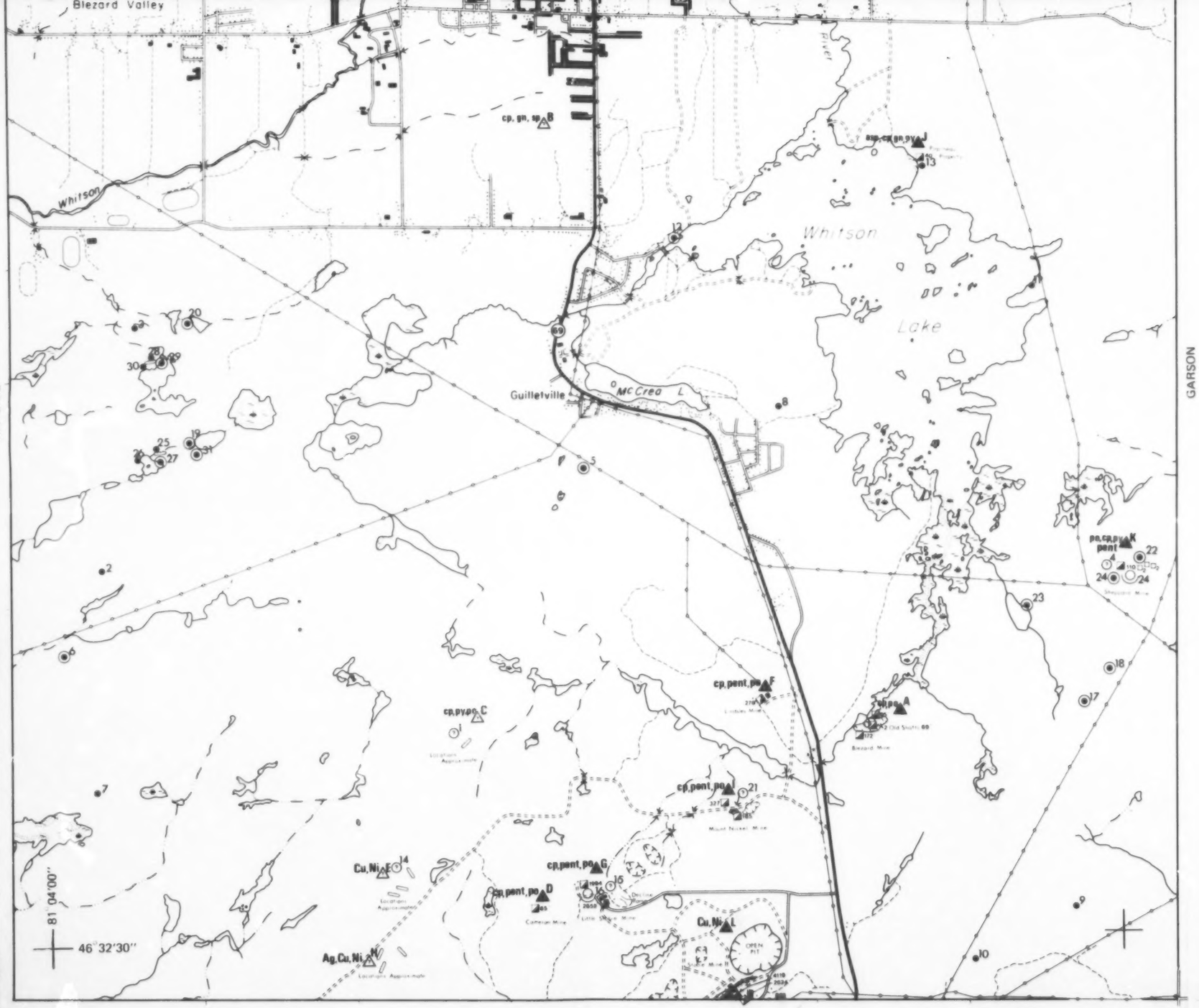
BLEZARD TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



GEOLOGICAL AND MINING SYMBOLS

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- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- ?² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ² Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number